

Claims

1. An apparatus for mounting computer equipment in a vehicle, comprising:
a first member fixed to a floor of the vehicle and extending upward therefrom;
a second member fixed to a top portion of said first member; and
5 holding frame means fixed to a top portion of said second member for holding the
computer equipment;
wherein said second member is fixed to one side of said top portion of said first
member so that said holding frame means and the computer equipment held by said holding
frame means face an occupant on one side of the vehicle; and
10 wherein said second member is fixed to another side of said top portion of said first
member so that said holding frame means and the computer equipment held by said holding
frame means face another occupant on another side of the vehicle.
2. The apparatus of claim 1, wherein said second member includes rotating means for
15 rotating said holding frame means and the computer equipment held by said holding frame
means from a home position to a plurality of positions angularly displaced from the home
position.
3. The apparatus of claim 2, wherein said rotating means comprises an indexing
20 cylinder assembly which includes an indexing cylinder and a shaft assembly disposed within
said indexing cylinder.
4. The apparatus of claim 3, wherein said shaft assembly includes an upper plate to
which said holding frame means is fixed, said upper plate being vertically and rotatably
25 movable in conjunction with vertical movement and rotational movement, respectively, of said
shaft assembly within said indexing cylinder.
5. The apparatus of claim 1, wherein said computer equipment comprises at least one
of a computer, a display unit and a keyboard.

6. A method for mounting computer equipment in a vehicle, comprising the steps of:
fixing a first member to a floor of the vehicle so that said first member extends upward therefrom;

5 fixing a second member to a top portion of said first member; and
 mounting a holding frame to a top portion of said second member for holding the computer equipment;

 wherein said second member is fixed to one side of said top portion of said first member so that said holding frame and the computer equipment held by said holding frame
10 face an occupant on one side of the vehicle; and

 wherein said second member is alternatively fixed to another side of said top portion of said first member so that said holding frame and the computer equipment held by said holding frame face another occupant on another side of the vehicle.

15 7. The method of claim 6, further comprising the step of providing said second member with a rotational capability so that said holding frame and the computer equipment held by said holding frame can be rotated from a home position to a plurality of positions angularly displaced from the home position.

20 8. The method of claim 7, further comprising the step of providing said second member with an indexing cylinder assembly which includes an indexing cylinder and a shaft assembly disposed within said indexing cylinder.

 9. The method of claim 8, further comprising the step of providing said shaft assembly
25 with an upper plate to which said holding frame is fixed, said upper plate being vertically and rotatably movable in conjunction with vertical movement and rotational movement, respectively, of said shaft assembly within said indexing cylinder.

10. The method of claim 6, wherein said computer equipment comprises at least one of a computer, a display unit and a keyboard.

5 11. An apparatus for mounting computer equipment in a vehicle, comprising:
a first member fixed to a floor of the vehicle and extending upward therefrom;
a second member fixed to a top portion of said first member; and
holding frame means fixed to a top portion of said second member for holding the computer equipment;

10 wherein said second member includes rotating means for rotating said holding frame means and the computer equipment held by said holding frame means from a home position to a plurality of positions angularly displaced from the home position.

15 12. The apparatus of claim 11, wherein said rotating means comprises an indexing cylinder assembly which includes an indexing cylinder and a shaft assembly disposed within said indexing cylinder.

20 13. The apparatus of claim 12, wherein said shaft assembly includes an upper plate to which said holding frame means is fixed, said upper plate being vertically and rotatably movable in conjunction with vertical movement and rotational movement, respectively, of said shaft assembly within said indexing cylinder.

14. The apparatus of claim 11, wherein said computer equipment comprises at least one of a computer, a display unit and a keyboard.

25 15. The apparatus of claim 11, wherein said rotating means rotates said holding frame means in increments from the home position.

16. The apparatus of claim 15, further comprising stop means for limiting the rotational movement of said holding frame means so that said holding frame means does not

move into a position in which it interferes with operation of controls and air bags of the vehicle.

17. The apparatus of claim 11, further comprising stop means for limiting the rotational movement of said holding frame means so that said holding frame means does not move into a position in which it interferes with operation of controls and air bags of the vehicle.

18. An apparatus for mounting computer equipment in a vehicle, comprising:
a first member fixed to a floor of the vehicle and extending upward therefrom;
a second member fixed to a top portion of said first member;
holding frame means fixed to a top portion of said second member for holding the computer equipment; and
bearing rod means fixed to said holding frame means for bearing against a portion of the vehicle so as to provide stabilizing support for said holding frame means.

19. The apparatus of claim 18, wherein said bearing rod means comprises a rod which extends from a lower portion of said holding frame means upward to a top portion of said holding frame means, and a bearing cylinder disposed at an upper end of said rod adjacent to the top portion of said holding frame means for bearing against the portion of the vehicle.

20. The apparatus of claim 18, wherein said bearing rod means comprises a rod which extends from a lower portion of said holding frame means upward to a middle portion of said holding frame means, and a bearing cylinder disposed at an upper end of said rod adjacent to the middle portion of said holding frame means for bearing against the portion of the vehicle.